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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/560,372

DATE: 07/27/2001

TIME: 10:42:13

Input Set : A:\61766-seq.txt

Output Set: N:\CRF3\07272001\I560372.raw

ENTERED

3 <110> APPLICANT: Tall, Alan R.
 5 <120> TITLE OF INVENTION: HUMAN ABC1 PROMOTER AND ASSAY BASED THEREON
 7 <130> FILE REFERENCE: 61766.app
 9 <140> CURRENT APPLICATION NUMBER: US 09/560,372
 C--> 10 <141> CURRENT FILING DATE: 2001-07-20
 12 <160> NUMBER OF SEQ ID NOS: 17
 14 <170> SOFTWARE: PatentIn version 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 1197
 18 <212> TYPE: DNA
 19 <213> ORGANISM: human
 21 <400> SEQUENCE: 1
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 26 agtgttttgg gtagttttgc tcccctacag ccaaaggcaa acagataagt tggagggtctg 180
 28 gagtggttac ataattttac acgactgcaa ttctctggct gcacttcaca aatgtataca 240
 30 aactaaatac aagtcctgtg tttttatcac agggaggctg atcaatataa tgaaattaaa 300
 32 agggggctgg tccatattgt tctgtgtttt tgtttgtttg tttctttttt tgtttttgtg 360
 34 gcctccttcc tctcaattta tgaagagaag cagtaagatg ttctctctcg gtcctctgag 420
 36 ggacctgggg agctcaggct gggaatctcc aaggcagtag gtcgcctatc aaaaatcaaa 480
 38 gtccaggttt gtggggggaa aacaaaagca gccattacc cagaggactg tccgccttcc 540
 40 cctcacccca gcctaggcct ttgaaaggaa acaaaagaca agacaaaatg attggcgctc 600
 42 tgagggagat tcagcctaga gctctctctc cccaatccct ccctccggct gaggaacta 660
 44 acaaaaggaaa aaaaaattgc ggaaagcagg atttagagga agcaaatcc actggtgcc 720
 46 ttggctgccc ggaacgtgga ctagagagtc tgcggcgcag ccccgagccc agcgcttccc 780
 48 gcgcgtctta ggccggcggg cccgggcggg ggaaggggac gcagaccgcg gaccctaaga 840
 50 cacctgctgt accctccacc cccacccacc ccacctcccc ccaactccct agatgtgtcg 900
 52 tgggcggctg aacgtgcgcc gtttaagggg cgggccccgg ctccacgtgc tttctgctga 960
 54 gtgactgaac tacataaaca gaggccggga acggggcggg gaggagggag agcacaggct 1020
 56 ttgaccgata gtaacctctg cgctcggtgc agccgaatct ataaaaggaa ctagtcccgg 1080
 58 caaaaacccc gtaattgcga gcgagagtga gtggggcgcg gaccgcgaga gccgagccga 1140
 60 cccttctctc ccgggctgcg gcagggcagg gcggggagct ccgcgcacca acagagc 1197
 63 <210> SEQ ID NO: 2
 64 <211> LENGTH: 61
 65 <212> TYPE: PRT
 66 <213> ORGANISM: human
 68 <400> SEQUENCE: 2
 70 Met Ala Cys Trp Pro Gln Leu Arg Val Leu Leu Trp Lys Asn Leu Thr
 71 1 5 10 15
 74 Phe Arg Arg Arg Gln Thr Cys Gln Leu Leu Glu Val Ala Trp Pro
 75 20 25 30
 78 Leu Phe Ile Phe Leu Ile Leu Ile Ser Val Arg Leu Ser Tyr Pro Pro
 79 35 40 45
 82 Tyr Glu Gln His Glu Cys His Phe Pro Asn Lys Ala Met
 83 50 55 60
 86 <210> SEQ ID NO: 3
 87 <211> LENGTH: 40

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88 <212> TYPE: PRT
89 <213> ORGANISM: human
91 <400> SEQUENCE: 3
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98          20          25          30
101 Cys His Phe Pro Asn Lys Ala Met
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106 <211> LENGTH: 56
107 <212> TYPE: PRT
108 <213> ORGANISM: human
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117          20          25          30
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121          35          40          45
124 Cys His Phe Pro Asn Lys Ala Met
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128 <210> SEQ ID NO: 5
129 <211> LENGTH: 44
130 <212> TYPE: PRT
131 <213> ORGANISM: human
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144          35          40
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149 <212> TYPE: PRT
150 <213> ORGANISM: rat
152 <400> SEQUENCE: 6
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155 1          5          10          15
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159          20          25          30
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163          35          40          45
166 His Phe Pro Asn Lys Ala Met
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171 <211> LENGTH: 44
172 <212> TYPE: PRT

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175 <400> SEQUENCE: 7
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178 1      5      10      15
181 Leu Gln Lys Arg Lys Val Leu Val Thr Val Leu Glu Leu Phe Leu Pro
182      20      25      30
185 Leu Leu Phe Ser Gly Ile Leu Ile Trp Leu Arg Leu
186      35      40
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191 <212> TYPE: DNA
192 <213> ORGANISM: human
194 <400> SEQUENCE: 8
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199 <211> LENGTH: 24
200 <212> TYPE: DNA
201 <213> ORGANISM: human
203 <400> SEQUENCE: 9
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208 <211> LENGTH: 24
209 <212> TYPE: DNA
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213 taattgcgag cgagagtgag tggg                24
216 <210> SEQ ID NO: 11
217 <211> LENGTH: 22
218 <212> TYPE: DNA
219 <213> ORGANISM: human
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225 <210> SEQ ID NO: 12
226 <211> LENGTH: 29
227 <212> TYPE: DNA
228 <213> ORGANISM: human
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234 <210> SEQ ID NO: 13
235 <211> LENGTH: 29
236 <212> TYPE: DNA
237 <213> ORGANISM: human
239 <400> SEQUENCE: 13
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244 <211> LENGTH: 26
245 <212> TYPE: DNA
246 <213> ORGANISM: human
248 <400> SEQUENCE: 14

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253 <211> LENGTH: 24	
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261 <210> SEQ ID NO: 16	
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263 <212> TYPE: DNA	
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VERIFICATION SUMMARY

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date